

APPENDIX C PUBLIC INFORMATION AND OTHER NOTICES

**FIGURE C-1
NATIONAL WEATHER SERVICE PUBLIC ZONES**

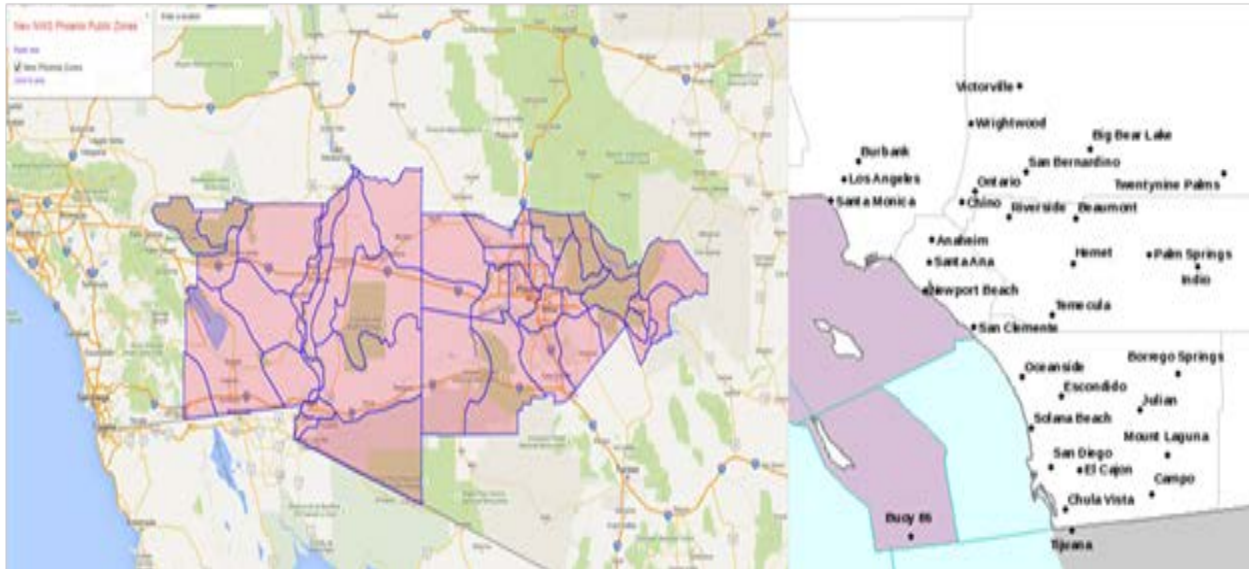


Fig C-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

FIGURE C-2
IMPERIAL COUNTY WEB POSTING
OF POTENTIAL ELEVATED PM CONCENTRATIONS

Advisory Events

The information herein is NOT intended for use as a weather forecast. The Air District DOES NOT forecast but solely compiles information from both the Phoenix and San Diego National Weather Offices to relay information concerning potential changes in ambient air concentrations that may impact the public.

April 16 2018
Be Advised
<p>High wind levels have the potential to suspend particulate matter into the air. High levels of PM10 may pose an impact to public health. It is recommended that active children and adults, and people with respiratory disease, such as asthma, limit their outdoor activities.</p> <p>Potential increases in PM₁₀ concentrations may increase to moderate or unhealthy level.</p>
Imperial County Weather Synopsis
<p>IMPERIAL COUNTY</p> <p>A WIND ADVISORY REMAINS IN PLACE ACROSS IMPERIAL COUNTY.</p> <p>The NWS Phoenix office has issued a Wind Advisory for Imperial County effective 2 p.m. Monday through 11 p.m. tonight. West winds will reach 25 to 35 mph in the afternoon with gusts up to 45 mph. Areas of blowing dust may result. Crosswinds may produce difficult driving conditions.</p> <p><u>SYNOPSIS FROM THE SAN DIEGO OFFICE</u></p> <p>HIGH WIND WARNING IN EFFECT for the San Diego County mountains and deserts northward to the Coachella Valley and the San Geronio Pass. The NWS San Diego office has issued a High Wind Warning for the aforementioned areas effective midnight April 16 through 5 am on Tuesday. Winds will increase on Monday to 20 to 30 mph with gusts up to 45 mph. Local gusts may reach 55 mph. Visibility will be limited due to blowing dust.</p> <p>Winds early Monday morning will be mostly confined to areas near the mountain ridge tops onto the upper desert slopes. The winds will gradually strengthen and spread into the deserts through this morning. The strongest and most widespread winds are expected for this afternoon and evening decreasing late tonight into early Tuesday.</p> <p>A low pressure system moving inland along the West Coast will bring much stronger onshore flow through tonight. This will bring cooling spread coastal clouds onto the coastal mountain slopes with a slight chance of light showers near the mountains for late this afternoon into tonight and bring strong gusty west winds in the mountains and deserts through late tonight. Dry with weaker winds and a warming trend for Tuesday and Wednesday. Another low pressure system moving inland through California will bring cooling with periods of strong gusty west winds for the mountains and deserts for Wednesday night into Thursday night. There is also a slight chance of light showers along and west of the mountains Thursday. Dry with a warming trend for Friday into next weekend with weaker winds.</p> <p><u>SYNOPSIS FROM THE PHOENIX OFFICE</u></p> <p>A weather system moving across the western U.S. will bring increasing breeziness, areas of blowing dust, and</p>

elevated to critical fire weather conditions to the region.

The most notable signal for strong winds remains across southeast California into the lower Colorado River Valley, where gusts in excess of 40 mph will be possible this afternoon. Breezy conditions are still expected across southwest/south-central Arizona, where gusts of 25-30 mph are forecast to occur. This will be enough to generate at least patchy blowing dust across the lower deserts this afternoon. Additionally, elevated to critical fire weather conditions remain a concern area-wide, with a Red Flag Warning in effect for southern Gila County today.

A significant but short-lived cooling trend will occur into Tuesday, before temperatures warm back to near seasonal normals mid-week. A second dry storm system will affect the Southwest Thursday and Friday, bringing another round of breeziness to the region along with a slight cool down.

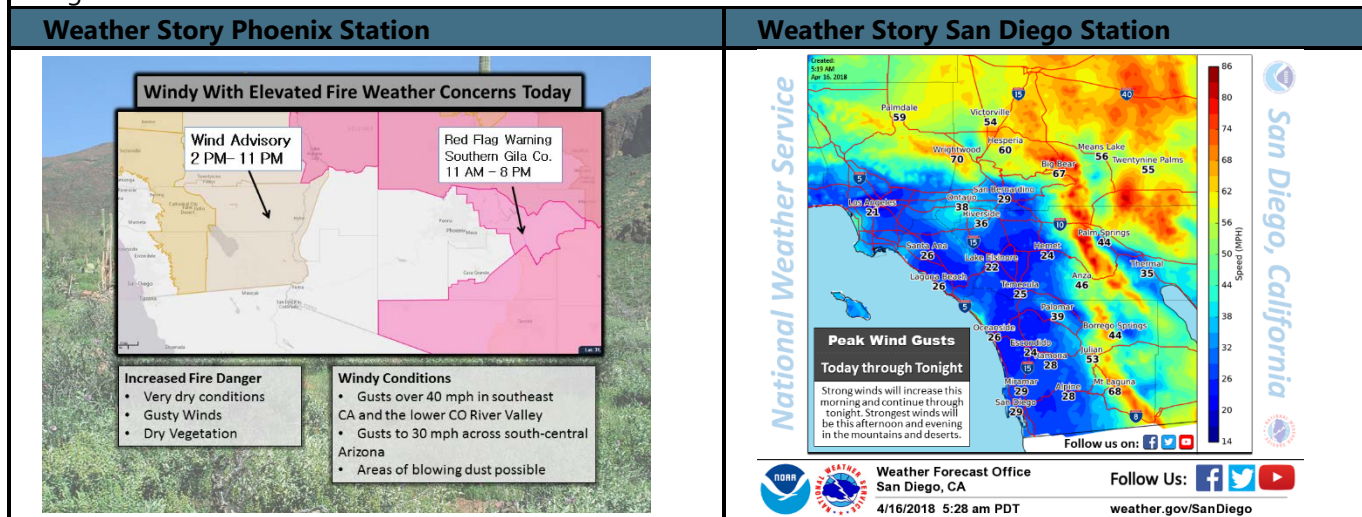


Fig C-2: Copy of the ICAPCD web-based advisory

FIGURE C-3
SAN DIEGO NWS OFFICE WEATHER STORY APRIL 14, 2018

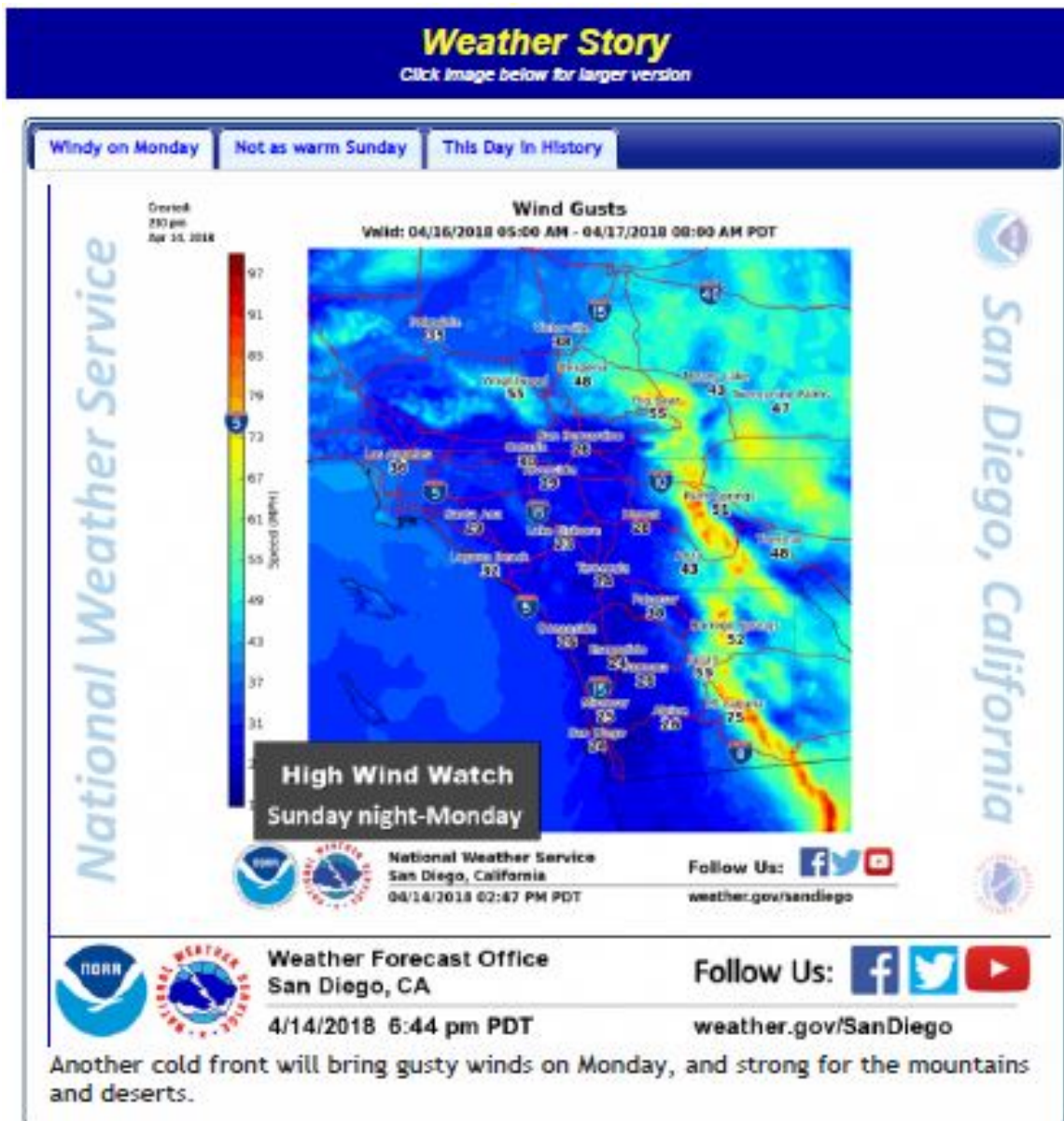


Fig C-3: Illustrates the High Wind Watch across the region

FIGURE C-4
PHOENIX NWS OFFICE WEATHER STORY APRIL 14, 2018



Fig C-4: Illustrates the high winds forecast for the region.

FIGURE C-5
SAN DIEGO NWS OFFICE WEATHER STORY APRIL 15, 2018

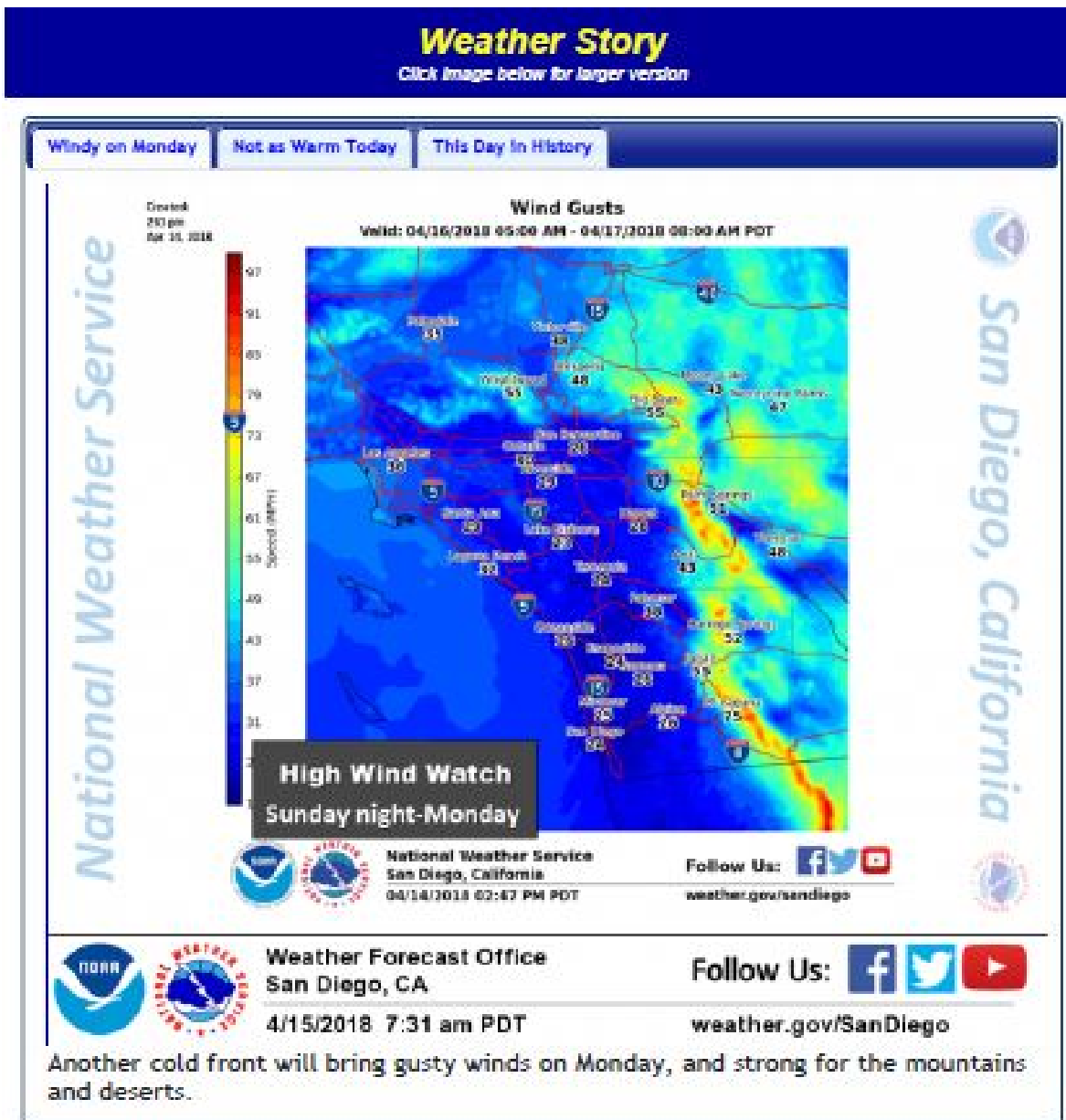


Fig C-5: Illustrates the high winds forecast for the region

FIGURE C-6 PHOENIX NWS OFFICE WEATHER STORY APRIL 16, 2018

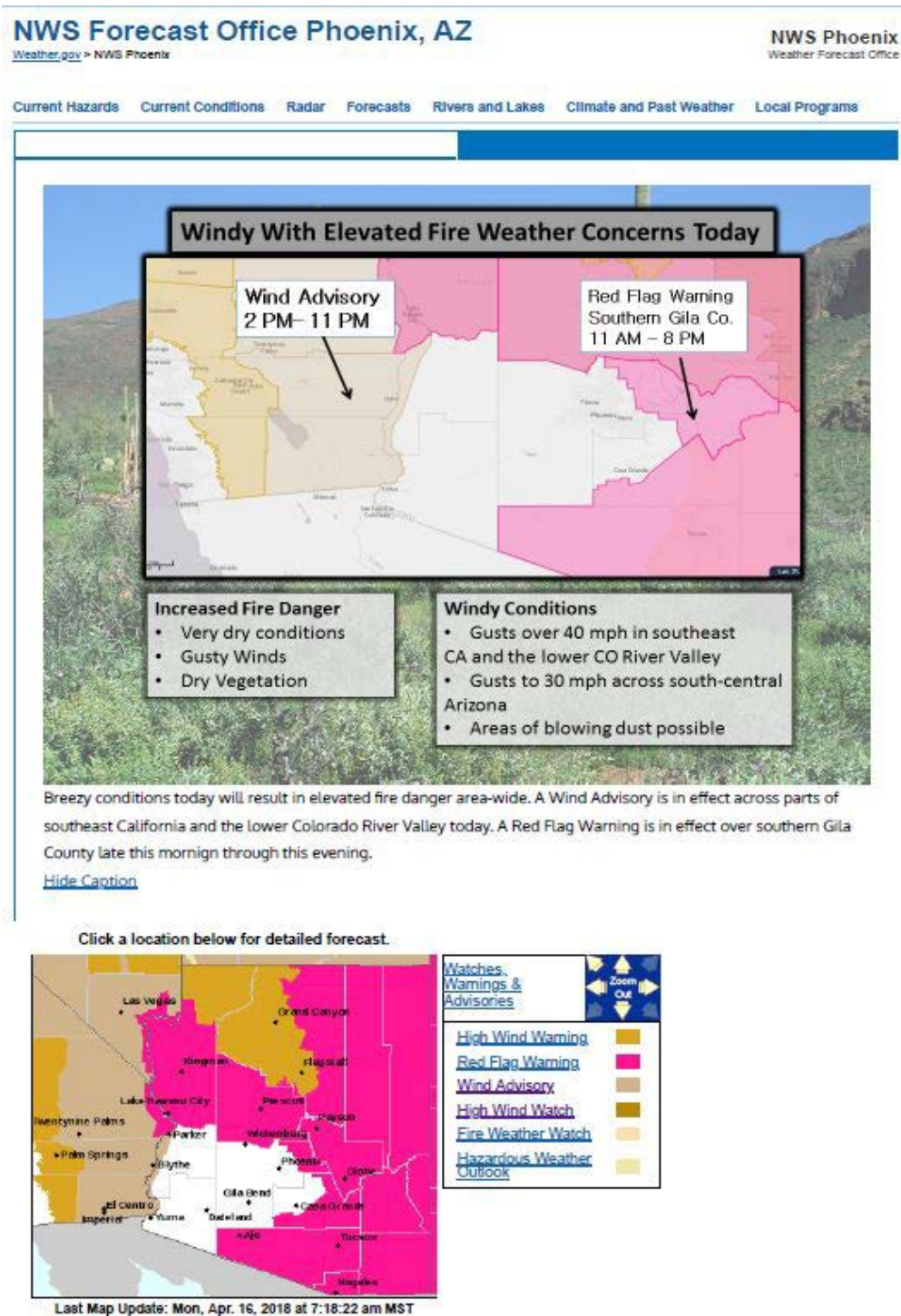


Fig C-6: Illustrates the extent of the wind advisories across the region

FIGURE C-7
SAN DIEGO NWS OFFICE WEATHER STORY APRIL 16, 2018

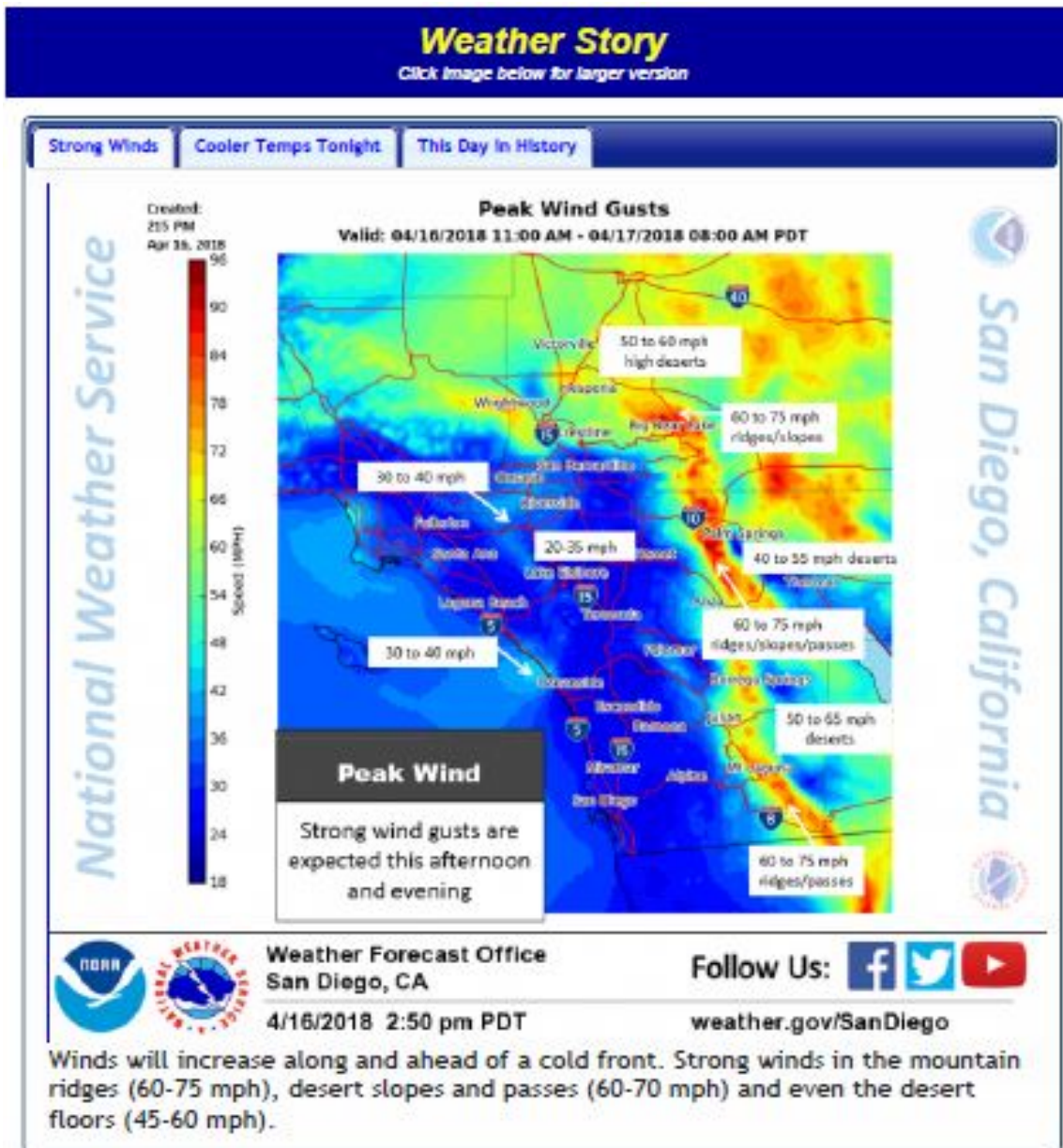


Fig C-7: Illustrates the extent of the wind advisories across the region

**FIGURE C-8
AIR QUALITY INDEX**

Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0 to 50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51 to 100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151 to 200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201 to 300	Health alert: everyone may experience more serious health effects.
Hazardous	301 to 500	Health warnings of emergency conditions. The entire population is more likely to be affected.

Fig C-8: The Air Quality Index AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you. The AQI focuses on health affects you may experience within a few hours or days after breathing polluted air. EPA calculates the AQI for five major air pollutants regulated by the Clean Air Act: ground-level ozone, particle pollution (also known as particulate matter), carbon monoxide, sulfur dioxide, and nitrogen dioxide. For each of these pollutants, EPA has established national air quality standards to protect public health .Ground-level ozone and airborne particles are the two pollutants that pose the greatest threat to human health in this country. Source:

<https://airnow.gov/index.cfm?action=aqibasics.aqi>

FIGURE C-9 DAILY WEATHER AND AG BURNING INFORMATION

Imperial County Air Pollution Control District
Daily Weather and Ag. Burning Information

Date: Monday, April, 16, 2018

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	56	SW 3	10
8 AM	62	WSW 6	10
9 AM	70	WSW 3	10
10 AM	77	CALM	10
11 AM	83	-	10
NOON	85	-	10
1 PM	87	ENE 7	10
2 PM	88	ESE 6	10
3 PM	91	E 9	10
4 PM	91	ESE 9	10
5 PM	91	-	10
6 PM	87	W 16	10
7 PM	81	W 11	10

Max. Temperature yesterday was 93 degrees

Today's Mt. Signal Visibility at 7:30 AM Hazy NKX 12Z 500 MB Height -
 1Y7 12Z 500 MB Height -

Forecasts
High Today 80 to 85

	Local Forecast (Issued 8 AM Local)	Computer Forecast (RUC 40KM 12Z)
Est. Time Mixing Height reaches 3000 feet	<u>-</u>	<u>1:00 pm</u>
Forecast of Maximum Mixing Height	<u>-</u> feet	<u>4,396</u> feet
Forecast for Morning surface winds	<u>W 10-15</u> mph	<u>W 15-20</u> mph
Forecast for afternoon surface winds	<u>W 15-20/G 30</u> mph	<u>W 15-20</u> mph
Forecast for evening surface winds	<u>W 15-25/G 35</u> mph	
Forecast 10 AM - 3 PM transport winds	<u>WSW 15-25</u> mph	

Comments/Complaints: Windy, areas of blowing sand & dust. No Burn Day!!!

Burn Hours ARB No Burn Day District called No Burn Day XX

Total actually burned today acres Crops burned

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int CM

Fig C-9: Is a copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day on April 16, 2018

FIGURE C-10**IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT COMPLAINT #7198**

17 page investigative letter attached at the end of this appendix

FIGURE C-11**IMPERIAL COUNTY AFFIDAVIT OF 30 DAY PUBLIC NOTICE**

**AFFIDAVIT OF PUBLICATION
(2015.5 C.C.P.)**

STATE OF CALIFORNIA

County of Imperial

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk* of the printer of the

Imperial Valley Press

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

09/20 .

all in the year 2019

I certify (or declare) under penalty of perjury that the foregoing is true and correct.




SIGNATURE

Name of Account: I C AIR POLLUTION
CONTROL
Order Number: 11324959
Ad Number: 31574360

* Printer, Foreman of the Printer, or Principal Clerk of the Printer

Date: 21 st day of September, 2019.
at El Centro, California.

This space is for the County Clerk's
Filing Stamp:


AIR POLLUTION CONTROL DISTRICT

**NOTICE OF AVAILABILITY
OF THE DEMONSTRATION OF THE OCCURRENCE
OF SEVEN EXCEPTIONAL EVENTS (EE)**

The Imperial County Air Pollution Control District (Air District) has prepared seven Draft Exceptional Event (EE) Demonstrations, which support the requested exclusion of measured 24-hour concentrations at the Air District air monitoring sites. Listed below by date, site and concentration as measured by a continuous Federal Equivalent Method monitor (FEM) are the seven Draft EE's.

April 11-12, 2018 Niland-191 µg/m3; Brawley-183 µg/m3; Calxico -182 µg/m3; El Centro-159 µg/m3;	April 16, 2018 Brawley-407 µg/m3; Calxico-407 µg/m3 El Centro-173 µg/m3; Niland-222 µg/m3; Westmorland-351 µg/m3
April 19, 2018 Brawley-334 µg/m3; Calxico-178 µg/m3; Westmorland-186 µg/m3	April 29, 2018 to May 1, 2018 Brawley-310 µg/m3; Niland-243 µg/m3; Westmorland-206 µg/m3; Brawley-270 µg/m3; Niland-162 µg/m3; Westmorland-207 µg/m3; Brawley-157 µg/m3
May 11, 2018 Brawley-335 µg/m3; El Centro-186 µg/m3; Niland-215 µg/m3; Westmorland-414 µg/m3	May 25, 2018 Brawley-159 µg/m3; Calxico -156 µg/m3
	June 17, 2018 Brawley-168 µg/m3

The public and all interested parties are encouraged to review and comment on the seven Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 2018 Air District air monitors were affected by transported elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM10). Winds, associated with a weather event suspended and transported PM10 into the region affecting areas within San Diego, Riverside, Yuma and Imperial counties. The seven Draft EE's provide the scientific justification for the requested exclusions. The Air District is soliciting and accepting comments for 30 days commencing the date of the publication of this notice. The final closing date for submitting comments is October 20, 2019 by close of business.

The seven Draft EE's for the days listed above are available for download at the Air District website at <https://apcd.imperialcounty.org/public-notice/> (under Public Notices; Exceptional Events). To view a hard copy of any of the seven Draft EE's, please visit the Air Pollution Control District office at 150 S. 9th Street, El Centro. Should you have any questions or concerns please feel free to call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Soucier.

Fig C-11: Is a copy of the Imperial County Air Pollution Control District official record (affidavit) affirming the publication of the notice of availability of the Exceptional Events Demonstration for February 19, 2018. The date for closing comments was October 20, 2019

FIGURE C-12
IMPERIAL COUNTY COMMENTS REGARDING THE FEBRUARY 19, 2018 EE
DEMONSTRATION

No Comments Received